

Git Fundamentals

Welcome to the course!

This course is a comprehensive guide to GIT and is a complete refresher for those who might have used GIT but were not able to understand the full concept and for those as well who are new to this. GIT is NOT language or designation dependent and anyone who wants to track their file(s) and wants to keep them safe can use GIT.

This is a beginner to intermediate level course for all those who are eager to learn GIT. At the end of this course you will be able to use GIT without any hesitation.

Lesson 1

Introduction

- Introduction to instructor
- What is version control system?
- Introduction to GIT

Lesson 2

Practical

- Installation overview
- Installation on windows
- Installation on mac
- Installation on linux
- Setup user after installation

Lesson 3

Branches

- What is branch in GIT?
- How to create a branch?
- What is commit?
- Rename & delete branch
- Synchronize your local branch with remote one

Lesson 4

Stashing

- What is stash?
- Stashing a single file
- Re-applying stash
- Working with multiple stashes
- Cleaning up stashes

Lesson 5

GIT Tags

- What is tag?
- How to create tag?
- Checkout from a specific tag
- Working with multiple stashes
- Push tag to remote repository

Lesson 6

Additional

- What is GIT log and how to use them?
- HEAD in GIT
- Reset HEAD in GIT
- Understanding the GIT cherry pick